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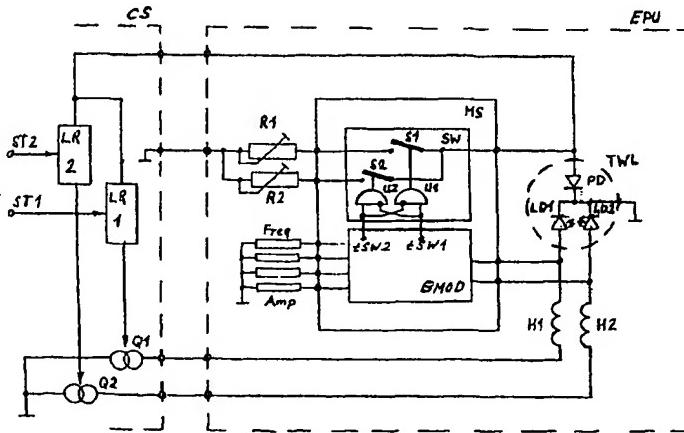
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(54) Title: INTRINSICALLY SAFE PICK-UP FOR REPRODUCTION OR RECORDING DEVICES FOR DIFFERENT OPTICAL RECORDING MEDIA



(57) Abstract: The invention relates to an intrinsically safe pick-up for reproduction or recording devices for different optical recording media, which have at least two lasers with a monitor diode which is used jointly for the lasers, such as a monitor diode which is integrated in a twin laser (TWL). The intrinsically safe pick-up has a switching means (SW), which is formed by interlocked switches (S1, S2), by means of which both a reference value, which is associated with one laser diode (LD1 or LD2) with the monitor diode (PD), is produced in order to control the light power of the laser diode (LD1 or LD2), while at the same time preventing simultaneous actuation of the laser diodes (LD1 or LD2) or incorrect association of a light power adjusting means leading to overloading or to destruction of the twin laser (TWL). A reproduction or recording device which is designed with an intrinsically safe pick-up for different optical recording media does not require any additional changeover switches, which would otherwise need to be provided between a DVD/CD circuit (CS) and the pick-up. The invention is intended to be used for reproduction or recording devices for different optical recording media.

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